



Department of Computer Sciences and Engineering

COURSE STRUCTURE

(Applicable from the academic year 2023-24 onwards)

B.Tech.– II Year I Semester

S. No	Category	Title	L	T	P	Credits
1	Basic Science	Mathematical Foundations of Computer Science	3	0	0	3
2	HSMC	Universal Human Values– Understanding Harmony & Human Ethical Conduct	2	1	0	3
3	ES	Digital Logic & Computer Organization	3	0	0	3
4	PCC	Software Engineering	3	0	0	3
5	PCC	Object Oriented Programming Through	3	0	0	3
6	PCC	CASE Tools Lab	0	0	3	1.5
7	PCC	Object Oriented Programming Through Java Lab	0	0	3	1.5
8	SEC	Python Programming	0	1	2	2
9	Audit Course	Environmental Science	2	0	0	-
Total			16	2	8	20

B.Tech.– II Year I Semester

S. No	Category	Title	L	T	P	Credits
1	Management Elective-1	Managerial Economics and Financial Analysis	2	0	0	2
2	Basic Science	Probability & Statistics	3	0	0	3
3	PCC	Operating Systems	3	0	0	3
4	PCC	Database Management Systems	3	0	0	3
5	PCC	Formal Languages and Automata Theory	3	0	0	3
6	PCC	Operating Systems Lab	0	0	3	1.5
7	PCC	Database Management Systems Lab	0	0	3	1.5
8	SEC	Full Stack Development –I	0	1	2	2
9	BS&H	Design Thinking& Innovation	1	0	2	2
		Total	14	2	10	21